

With the dramatic increase in biofuels production around the world there is an ever increasing demand for the analysis of Methanol and Ethanol in these fuels. The classical method for analysis, ASTM Method D5501 uses very long columns (100 or 150m) to adequately separate these alcohols from other interfering compounds in these complex fuel mixtures, with run times of about 40 minutes. Many plants require the Ethanol content of the denatured fuels be analyzed before the fuel is transported, which is difficult with such long run times. The recent development of capillary columns for biofuels separations has helped tremendously. The DPS Alcohols GC System is configured with the latest designed high resolution capillary column and the sensitive FID detector to quickly detect these compounds in less than 10 minutes. The fast heating and rapid cooling column oven in every DPS GC assures rapid sample turnaround. The fully integrated Alcohols GC Systems are small and lightweight and all DPS systems are modular for expandability, upgrades, and easy service.



Available Configurations Include:

- 600-C-111 - Series 600 Alcohols GC Analyzer (FID, 30m)
- 500-C-111 - Companion 1 Portable Alcohols GC Analyzer (FID, 30m)



Series 600 GC



Companion 1 Portable GC

Methanol & Ethanol in Gasoline

Peak	Component	Area
1	Methanol	247.3
2	Ethanol	2173.5

